

In re Patent Application of:
THOMSON ET AL.
Serial No. 09/658,389
Filed: September 8, 2000

passageway therein transverse to the steering tube receiving
passageway and in communication therewith;

a steering tube clamp in the clamp receiving passageway
and comprising

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cont

a pair of cooperating clamp members aligned in
side-by-side relation and comprising respective outer
surface portions defining an imaginary cylinder and a
recess therein for the steering tube, each clamp member
also having at least one fastener receiving passageway
therein offset a predetermined distance from an axis
defined by the imaginary cylinder, and

at least one fastener extending between
corresponding fastener receiving passageways of said
pair of clamp members for urging said clamp members
together to engage the steering tube and thereby secure
the bicycle stem to the steering tube.

D2

17. (Amended) A bicycle stem for connecting a bicycle
handlebar to a bicycle steering tube, the bicycle stem
comprising:

a body portion having opposing first and second ends;
a handlebar clamping portion connected to the first end
of said body portion;

a steering tube clamping portion connected to the
second end of said body portion and having a tubular shape
defining a steering tube receiving passageway therethrough, said
steering tube clamping portion also having a clamp receiving
passageway therein transverse to the steering tube receiving
passageway and in communication therewith;

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a steering tube clamp in the clamp receiving passageway
and comprising

D2
cont

a pair of cooperating clamp members aligned in
side-by-side relation and comprising respective outer
surface portions defining an imaginary cylinder and a
recess therein for the steering tube, each clamp member
also having at least one fastener receiving passageway
therein offset a predetermined distance from an axis
defined by the imaginary cylinder in a direction away
from the recess, and

at least one fastener extending between
corresponding fastener receiving passageways of said
pair of clamp members for urging said clamp members
together to engage the steering tube and thereby secure
the bicycle stem to the steering tube;

said body portion, handlebar clamping portion and
steering tube clamping portion being integrally formed as a
monolithic unit.

D3

24. (Amended) A bicycle stem for connecting a bicycle
handlebar to a bicycle steering tube, the bicycle stem
comprising:

a body portion having opposing first and second ends;
a handlebar clamping portion connected to the first end
of said body portion;

a steering tube clamping portion connected to the
second end of said body portion and having a tubular shape
defining a steering tube receiving passageway therethrough, said
steering tube clamping portion also having a clamp receiving

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passageway therein transverse to the steering tube receiving
passageway and in communication therewith;

a steering tube clamp in the clamp receiving passageway
and comprising

D3
cont

a pair of cooperating clamp members aligned in
side-by-side relation and comprising respective outer
surface portions defining an imaginary cylinder and a
recess therein for the steering tube, each clamp member
having a plurality of fastener receiving passageways
therein offset a predetermined distance from an axis of
the imaginary cylinder, and

a plurality of fasteners extending between
corresponding fastener receiving passageways of said
pair of clamp members for urging said clamp members
together to engage the steering tube and thereby secure
the bicycle stem to the steering tube.

D4

28. (Amended) A bicycle stem according to Claim 24
wherein [said clamp members also comprise portions defining an
imaginary cylinder; and wherein] the fastener receiving
passageways are also canted at a predetermined angle from
parallel to [an] the axis of the imaginary cylinder.

D5

33. (Amended) A bicycle stem for connecting a bicycle
handlebar to a bicycle steering tube, the bicycle stem
comprising:

a body portion having opposing first and second ends;
a handlebar clamping portion connected to the first end
of said body portion;